





PAGER

Version 5

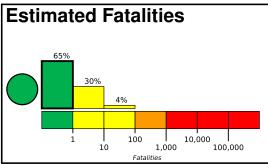
10,000

100,000

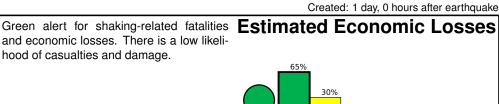
1,000

M 6.4, 147 km NW of Fangaleounga, Tonga

Origin Time: 2024-01-18 22:12:22 UTC (Thu 10:12:22 local) Location: 18.9212° S 175.4165° W Depth: 219.3 km



and economic losses. There is a low likelihood of casualties and damage.



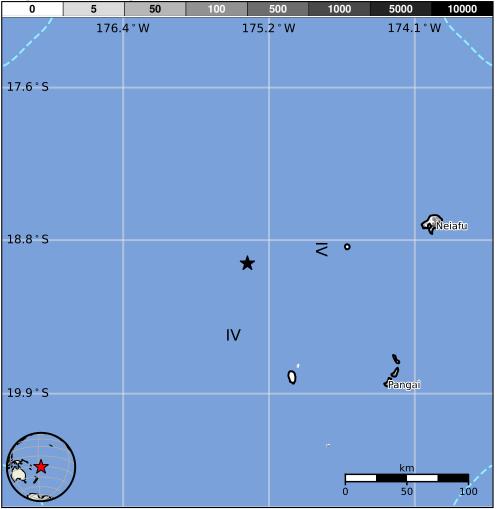
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	_*	21k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unknown/miscellaneous types and wood construction.

100

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1987-10-06	358	7.2	IV(19k)	_
1983-03-21	290	6.7	VII(53k)	_
2006-05-03	194	8.0	VIII(7k)	0

Selected City Exposure

nom acorvanes.org				
MMI	City	Population		
IV	Pangai	2k		
IV	Neiafu	4k		

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.